



Alaska Department of Environmental Conservation HSEEP Fundamentals Practical Exercise

Exercise Plan

April 18, 2017

The Exercise Plan (ExPlan) gives elected and appointed officials, observers, media personnel, and players from participating organizations information they need to observe or participate in the exercise. Some exercise material is intended for the exclusive use of exercise planners, controllers, and evaluators, but players may view other materials that are necessary to their performance. All exercise participants may view the ExPlan.

EXERCISE OVERVIEW

Exercise Name	HSEEP Fundamentals Practical Exercise
Exercise Date	April 18, 2017
Scope	This exercise is a drill, planned for approximately thirty minutes. Exercise play is limited to the Atwood Dining Hall.
Mission Area(s)	Response
Core Capabilities	Environmental Response/Health and Safety
Objectives	Objective 1: Objective: Given the equipment located in an ADEC Oil Spill Response Container, put on (don) Personal Protective Equipment (Level D) in accordance with Part I of the Spill Tactics for Alaska Responders (STAR) Manual in less than 15 minutes.
Threat or Hazard	Exposure to oil due to an accidental discharge.
Scenario	There has been an oil spill on University Drive near Alaska Pacific University. Atwood Dining Hall has been designated as the staging area for responders cleaning up the spill. The Site Safety Plan calls for all responders to wear Level D PPE. Respiratory protection is not required but workers can expect to be working in proximity to equipment that requires hearing protection.
Sponsor	Alaska Department of Environmental Conservation
Participating Organizations	Participating organizations will include participants from Table ____
Point of Contact	Dianne Munson, Alaska Department of Environmental Conservation

APPENDIX A: EXERCISE SCHEDULE

Time	Personnel	Activity	Location
April 18th, 2017			
1500	All	Level D PPE Training, ADEC STAR Manual Video:	Atwood Dining Hall
15:02:34	All	Break Into Groups Conduct Final Planning Meeting/ Review Exercise Plan Controller/Evaluator Briefings	Atwood Dining Hall
	All	Mobilize and Stage Equipment	Atwood Dining Hall
	All	Safety Briefing.	Atwood Dining Hall
	Controllers/ Evaluators/ Players	Being Exercise Exercise Players Don PPE	Atwood Dining Hall
	Controllers/ Evaluators/ Players	Finish Exercise	Atwood Dining Hall
	All	Demobilize Equipment	Atwood Dining Hall
	All	Hot Wash	Atwood Dining Hall
	All	Reconvene Seminar	Atwood Dining Hall

Table 1. Exercise Schedule

APPENDIX B: EXERCISE ASSIGNMENTS


Exercise Planning Team	
Team Leader (Exercise Controller)	
Safety (Safety Briefing)	
Operations (Evaluator/Hot Wash)	
Planning (Documentation)	
Logistics (Site Setup)	
Admin Finance (Evaluator)	
Participants	
Player (Level D PPE)	
Player (Buddy)	

APPENDIX C: EXERCISE EQUIPMENT


Agency	Type	Description (length, horsepower, spec capability)
State		
ADEC	PPE	Tyvek Coveralls
	PPE	Gloves
	PPE	Boot Covers
	PPE	Safety Glasses
	PPE	Hard Hats
	PPE	Hearing Protection
	PPE	Duct Tape

APPENDIX D: ALASKA STAR MANUAL

Safety



Personal Protective Equipment




LEVEL C

- Full-face or half-face mask air-purifying respirators with appropriate cartridges
- Chemical-resistant clothing (coveralls; two-piece chemical-splash suit; disposable chemical-resistant overalls.)
- Coveralls*
- Gloves - outer, chemical resistant
- Gloves - inner, chemical resistant
- Boots - steel toe and shank as appropriate to spilled product
- Boot covers*
- Hard hat*
- Face shield*
- Hearing protection*
- Personal Flotation Device (PFD)*


LEVEL D - LOWEST LEVEL OF PROTECTION

- Coveralls
- Gloves*
- Boots/shoes - steel toe and shank as appropriate to spilled product
- Boot covers*
- Safety glasses or chemical splash goggles
- Hard hat
- Hearing protection*
- Face shield*
- Personal Flotation Device (PFD)*



DEPLOYMENT CONSIDERATIONS AND LIMITATIONS


- Maintaining adequate supplies of PPE is often a logistical challenge; Team Leaders should provide the Supply Unit with anticipated PPE needs in advance and on a regular basis.
- Respiratory protection should only be worn by responders operating under respirator operating procedures (i.e., regular training, fit-testing, medical monitoring, inspection, cleaning, storage and periodic program evaluations) as required by OSHA 29 CFR 1910.134.



version: March 2014

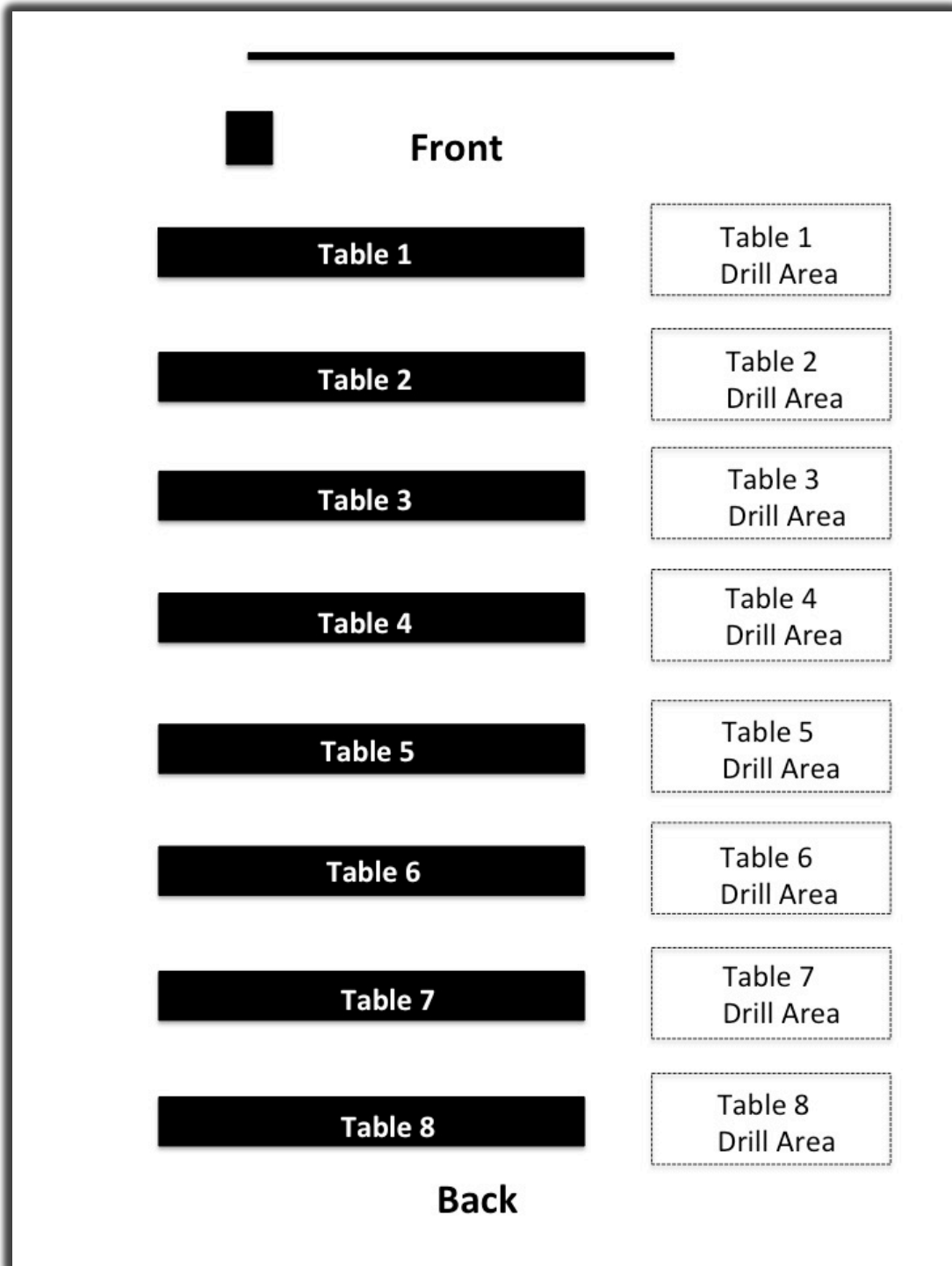
B-I-2-3

Spill Tactics for Alaska Responders



Part I.
SAFETY

APPENDIX E: EXERCISE AREA MAP



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Evaluator _____
 E-mail _____
 Phone _____

Ratings Definitions
 P – Performed without Challenges
 S – Performed with Some Challenges
 M – Performed with Major Challenges
 U – Unable to be Performed

Organizational Capability Target	Associated Critical Tasks	Target Rating	Observation Notes and Explanation of Rating
Put on Level D PPE (In accordance with Part I of the Spill Tactics for Alaska Responders (STAR) Manual	Put on Tyvek coveralls		
	Put on gloves <ul style="list-style-type: none"> Outer chemical resistant Outer chemical resistant 		
	Be wearing boots/shoes with steel toe/shank.	N/A	Simulated
	Put on boot covers		
	Put on safety glasses		
	Put on hard hat		
	Use hearing protection		
	Use Buddy System		
	Use Duct Tape		
Final Exercise Rating			

Ratings Definitions

Performed without Challenges (P)	The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws.
Performed with Some Challenges (S)	The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws. However, opportunities to enhance effectiveness and/or efficiency were identified.
Performed with Major Challenges (M)	The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s), but some or all of the following were observed: demonstrated performance had a negative impact on the performance of other activities; contributed to additional health and/or safety risks for the public or for emergency workers; and/or was not conducted in accordance with applicable plans, policies, procedures, regulations, and laws.
Unable to be Performed (U)	The targets and critical tasks associated with the core capability were not performed in a manner that achieved the objective(s).

Evaluator _____
 E-mail _____
 Phone _____

Ratings Definitions
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Organizational Capability Target	Associated Critical Tasks	Target Rating	Observation Notes and Explanation of Rating
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Performed with Major Challenges (M)	The targets and critical tasks associated with the core capability were completed in a manner that achieved the objective(s), but some or all of the following were observed: demonstrated performance had a negative impact on the performance of other activities; contributed to additional health and/or safety risks for the public or for emergency workers; and/or was not conducted in accordance with applicable plans, policies, procedures, regulations, and laws.
Unable to be Performed (U)	The targets and critical tasks associated with the core capability were not performed in a manner that achieved the objective(s).